

PAGE 11, line 20, after "As" insert --described--;

line 24, delete "part" and replace with --partner--.

PAGE 12, line 23, delete "operation" and replace with --operating--.

PAGE 13, line 1, delete "controller" and insert --control unit-- and delete "Resultantly" and insert --As a result,--;

line 2, after "the" (first occurrence) insert --central-- and delete "controller" and insert --control unit--;

line 7, after second occurrence "the" delete "controller" and insert --central control unit-- and after "The" delete "controller" and insert --central control unit--.

#### IN THE CLAIMS:

1. (Amended) A communication apparatus, comprising:

*ai*  
line control means connected to a telephone line for conducting a line control operation including a dialing operation;  
caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service;

*Sul  
B1*  
interface means for controlling a serial communication with [establishing connection to] a personal computer;

[off-hook detecting means for detecting an event that a telephone line is set to an off-hook state at initiation of communication;] and

[control means for transmitting information of the detection from the off-hook detecting means to directory application initiation request means integrally included in the personal computer]

*Q1*  
central control means for transmitting the caller telephone number which is detected by said caller information detecting means through said interface means for causing a telephone computer directory application in the personal computer to display additional information associated with the caller telephone number.

*Sub B1*  
2. (Amended) A communication apparatus according to claim 1, comprising:

[interface means for establishing connection to a personal computer;]

a handset having a function for voice speech or a voice amplifying function;

means for closing the telephone line in accordance with a state of the handset; and

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication; [and]

said central control means [for] transmitting information of the detection from the off-hook detecting means to a directory application initiation request means integrally included in the personal computer.

3. (Amended) A communication apparatus according to claim 1, comprising:

[interface means for establishing connection to a personal computer];

image reading means for facsimile communication;

operation means for a user to close a line before initiating the facsimile communication; and

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication; [and]

said control means [for] transmitting information of the detection from the off-hook detecting means to a directory application initiation request means integrally included in the personal computer.

4. (Amended) A communication apparatus, comprising:

line control means connected to a telephone line for conducting a line control operation including a dialing operation;

[central control means;]

off-hook detecting means for detecting an event that the telephone line is closed [set to an off-hook state] at initiation of communication;

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service; [and]

interface means for controlling a serial communication with a personal computer; and

[wherein the] central control means for transmitting through the interface means: [transmits;]

Sub  
B1  
a) information of the detection from the off-hook detecting means to a directory application initiation request means incorporated in the personal computer,

and

Q1  
b) information of the caller telephone number [a partner] detected by the caller information detecting means to the personal computer.

5. (Amended) A communicating apparatus, comprising:

line control means connected to a telephone line for conducting a line control operation including a dialing operation;

[central control means;]

[off-hook detecting means for detecting an event that the telephone line is set to an off-hook state at initiation of communication and outputting therefrom information of the detection;]

bell signal detecting means for detecting a bell signal received from the telephone line and outputting therefrom information of the detection;

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service; [and]

interface means for controlling a serial communication with a personal computer, and

[wherein the] central control means for transmitting the [transmit] information of [the detection from the off-hook detecting means and] the bell signal detecting means [to directory application initiation request means incorporated in the personal computer] and information of a caller telephone number [partner] detected by the caller information detecting means through the interface means to the personal computer.

6. (Amended) A communicating apparatus comprising:

line control means connected to a telephone line for conducting a line control operation including a dialing operation;

[off hook detecting means for detecting an event that the telephone line is set to an off-hook state at initiation of communication and outputting therefrom information of the detection;]

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service;

a personal computer [on] in which directory application software is [mounted] loaded;

application software initiation request means for initiating the directory application software in the personal computer; [and]

interface means for controlling a serial communication with the personal computer;

control means for transmitting through the interface means information of the caller telephone number detected by the caller information detecting means for [the detection from the off-hook detecting means to the application software initiation request means of the personal computer, initiating thereby the software, and] displaying on a screen coupled to the computer [, in accordance with information of a partner detected by the caller information detecting means,] detailed information [of the partner] stored in a storage of the personal computer which is associated with the caller telephone number.

7. (Amended) A communication apparatus comprising:

line control means connected to a telephone line for conducting a line control operation such as a dialing operation;

bell signal detecting means for detecting a bell signal received from the telephone line and outputting therefrom information of the detection;

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service;

a personal computer on which directory application software is mounted;

application software initiation request means for initiating the directory application software in the personal computer; [and]

interface means for controlling a serial communication with the personal computer; and

control means for transmitting through the interface means information of the detection from the bell signal detecting means to the application software initiation request means of the personal computer, initiating thereby the software, the caller telephone number for transmitting through the interface means displaying on a screen[, in accordance with information of a partner detected by the caller information detecting means,] detailed information [of the partner] stored in a storage of the personal computer which is associated with the caller telephone number.

8. (Amended) A communicating apparatus comprising:

a modem connected to an external data communication device [and the like] for conducting data communication;

a transformer for interrupting a direct current and for achieving a two-wire to four-wire transforming operation;

a receiver-side amplifier installed in a signal path on a receiver side;

a caller-side amplifier installed in a signal path on a caller side;

54  
82  
off-hook detecting means including a photo-interrupter for producing detection information in accordance with a voltage between a chip wire and a ring wire;

Q1  
bell signal detecting means including a photo-interrupter for producing detection information at an output terminal end thereof when a bell signal is received via a telephone network;

a microphone and a speaker arranged for a speech without using hands;

an amplifier for amplifying a signal outputted from the microphone;

an amplifier for sounding the speaker;

switching means for establishing and changing connections between the receiver side and the caller side; [and]

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service; and

control means including a personal computer interface for establishing connection to a personal computer and [for]